

ABSTRACT

To provide a leg type mobile robot, in which a downsizing
and wait-saving of floor reaction force detector to be installed
5 on the foot is enabled.

The center Pb of the force sensor is disposed on the
position Pa where the distance to the remotest position of
ground area provided on the bottom of each plate spring part
S1 to S4 is minimum in the standing-still state of the robot
10 R, and the distance L1, L2, L3, and L4 to the remotest point
of the ground area of each plate spring part S1, S2, S3, and
S4 is equal. The center Pc of the ankle joint is offset in a
rearward direction with respect to the position Pa in a plane
view.